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FIG. 6 (PRIOR ART)  
USPN 6,360,965

FIG. 6A

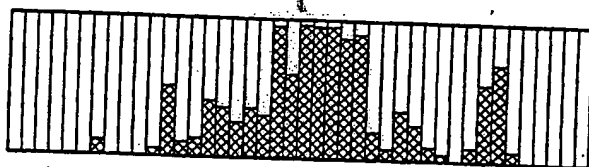


FIG. 6B

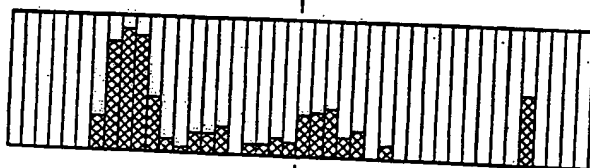


FIG. 6C

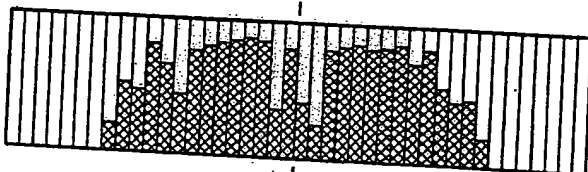


FIG. 6D

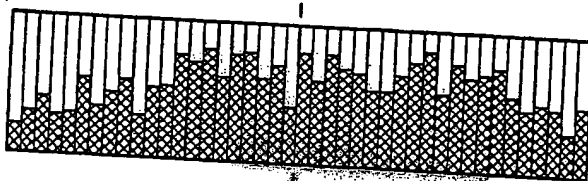


FIG. 7 (PRIOR ART)  
USPN 4,052,002

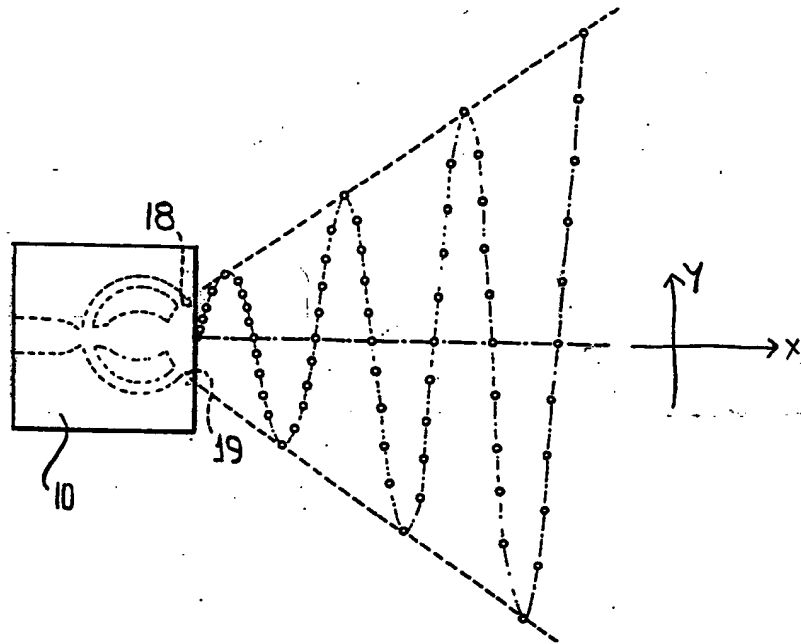
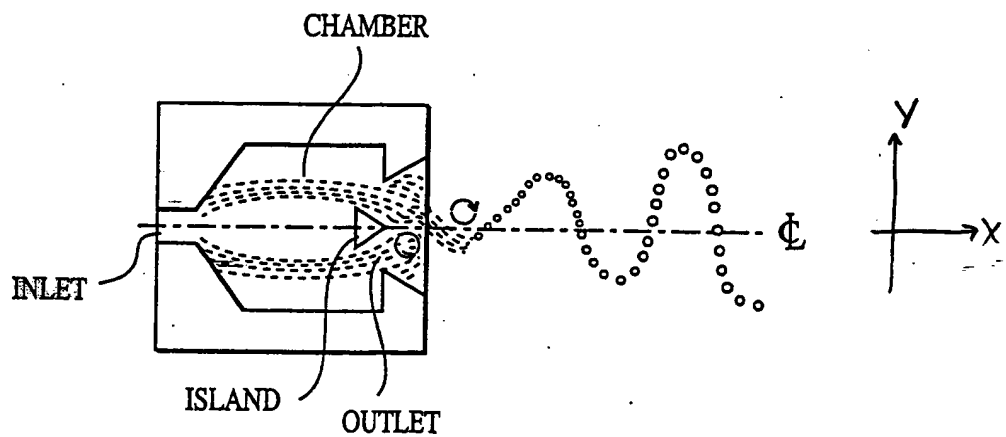


FIG. 8A (PRIOR ART)  
USPN 4,151,955



مذہب و مکتبہ اہل حق و باطل



FIG. 9 (PRIOR ART)  
USPN 4,151,955

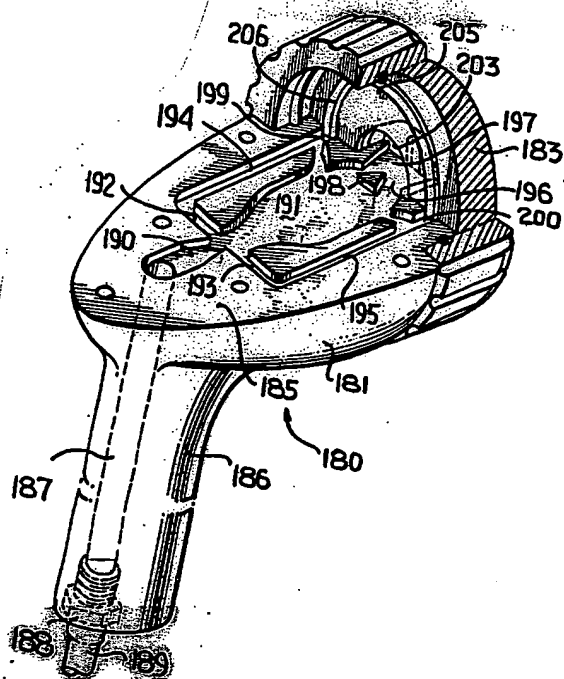


FIG. 13

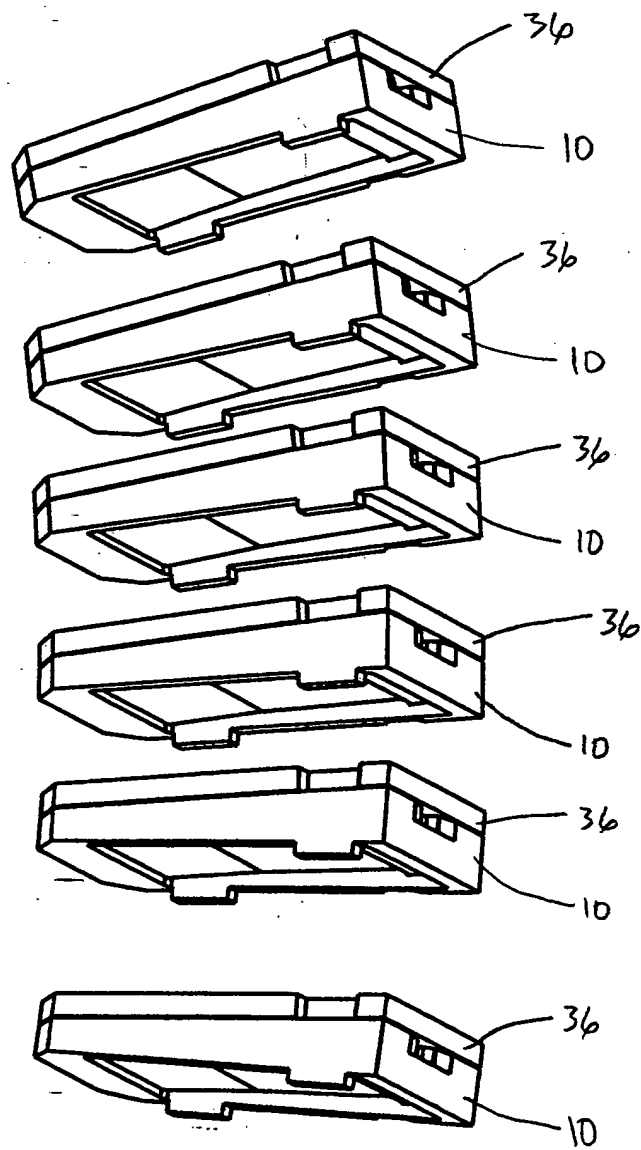


FIG. 10

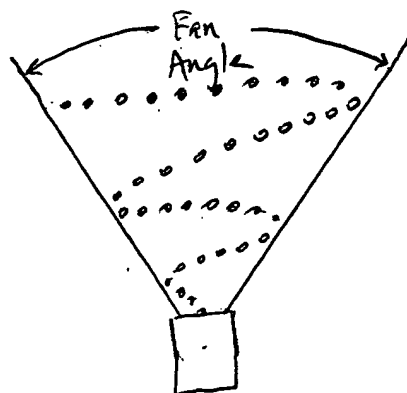
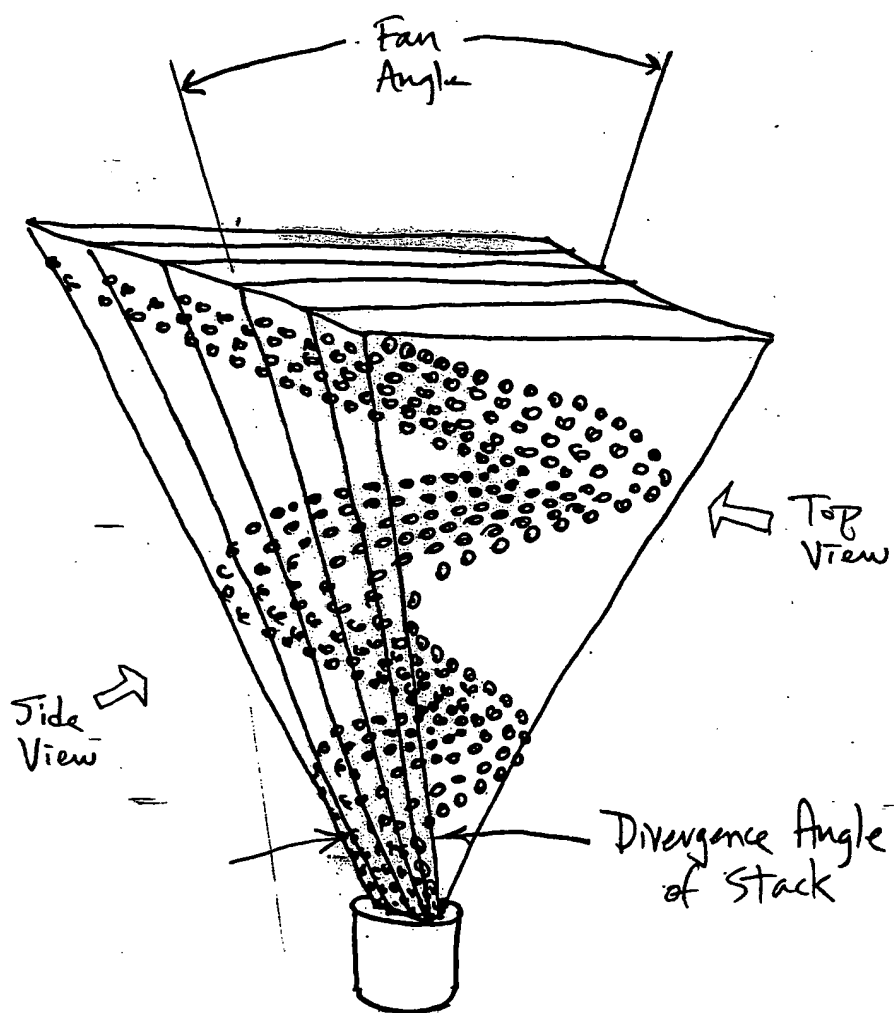


FIG. 11



Hand-drawn schematic diagram of a microfluidic device, showing two views of a chip with various channels and components.

**Top View (Upper Diagram):**

- Component 40: A small rectangular feature on the top surface.
- Component 36: The main body of the chip.

**Bottom View (Lower Diagram):**

- Component 10: The main body of the chip.
- Component 26: A channel on the left side.
- Component 22: A channel on the left side, below 26.
- Component 12: A channel on the left side, below 22.
- Component 18a: A channel on the left side, below 12.
- Component 28: A channel on the right side.
- Component 24: A channel in the center.
- Component 30: A channel in the center, above 24.
- Component 34: A channel on the right side, above 28.
- Component 14: A channel on the right side, above 34.
- Component 32: A channel on the right side, above 14.
- Component 20: A channel on the right side, below 32.
- Component 38: A channel on the right side, below 20.
- Component 36: The main body of the chip.

**Geometric and Flow Parameters:**

- Fan Angle =  $60^\circ$
- Area of Outlet =  $2.6 \text{ mm}^2$
- Length  $L = 32 \text{ mm}$
- Flow direction is indicated by arrows.

(@ 1 l/min and 10 psi)

Avg. Droplet Diameter	= 1.7-1.9 mm
Avg. Droplet Speed	= 4.1-4.4 m/sec
Oscillation Frequency	= 45-50 Hz



FIG. 15A

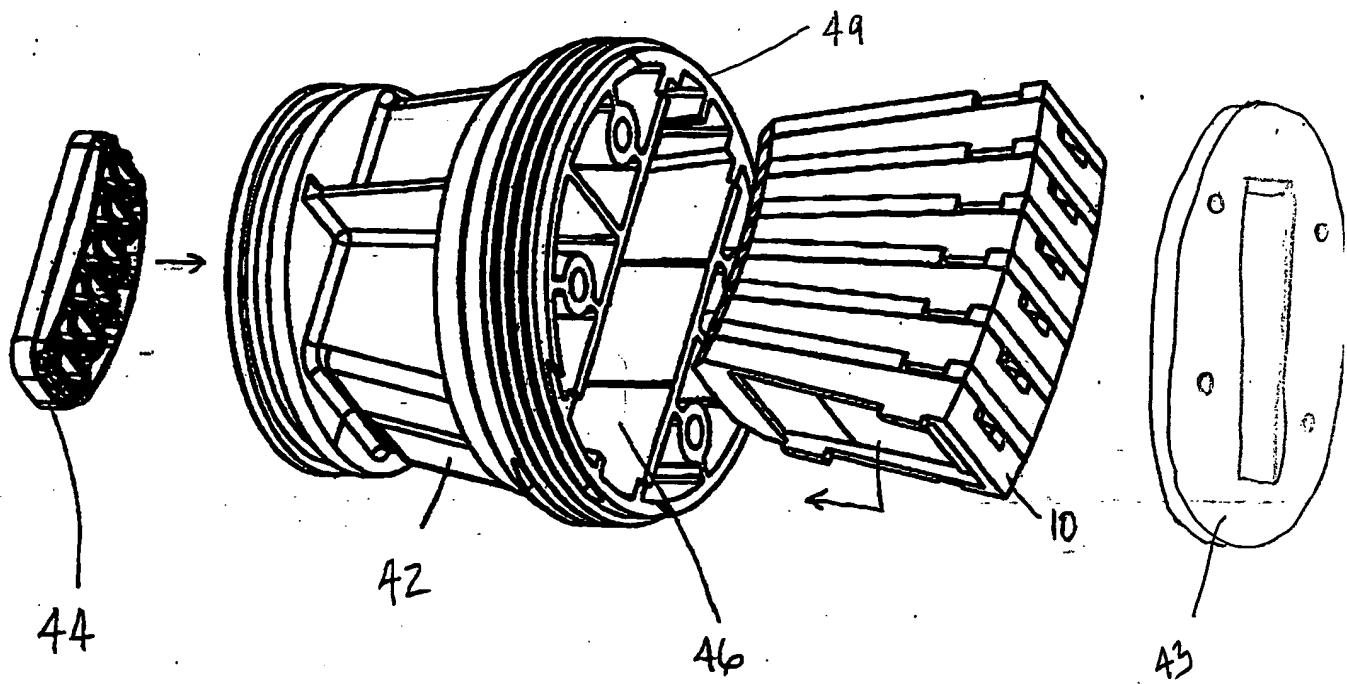


FIG. 15B

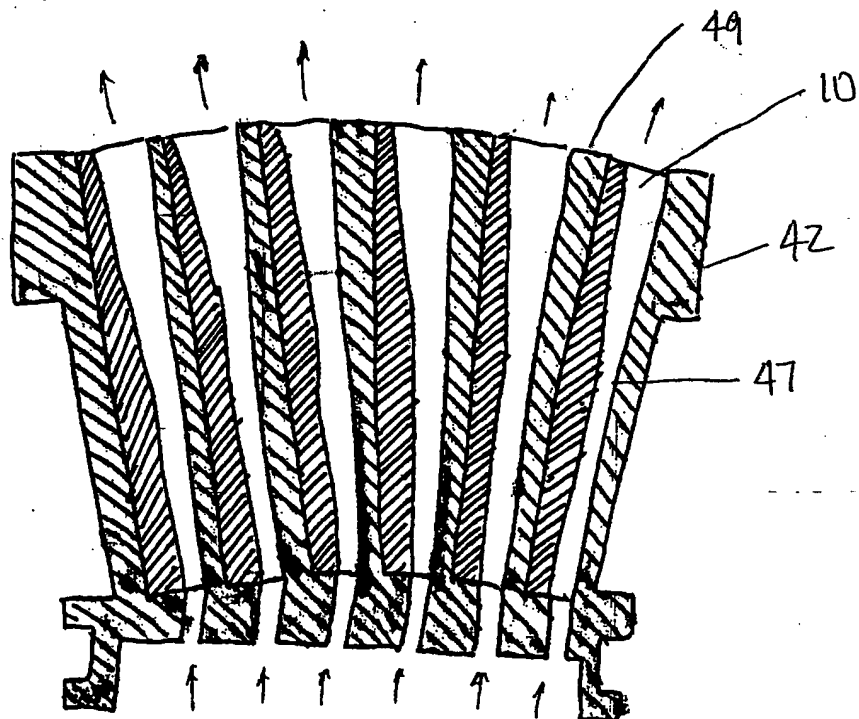


FIG. 28A

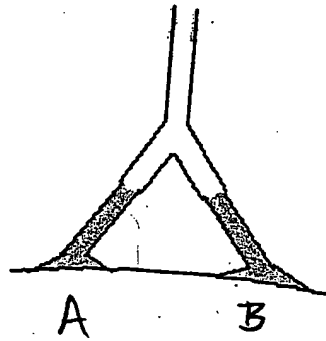


FIG. 28B

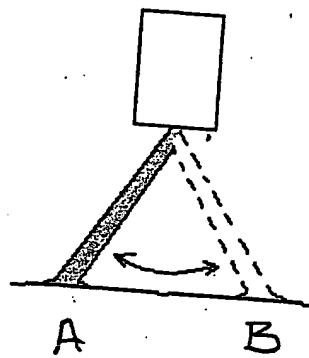


FIG. 29

